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DERWENT-ACC-NO: 1991-022225
DERWENT-WEEK: 200121

TITLE: DNA fusion sequences - encoding fusion poly-peptide(s) on expression in filamentous fungi, at high levels

Equivalent Abstract Text (4):
A fusion DNA sequence encoding a fusion polypeptide comprising, from the 5' end of said fusion DNA sequence, first, second, third and fourth DNA sequences encoding, from the amino- to carboxy-terminus of said fusion polypeptide, corresponding first, second, third and fourth amino acid sequences, said first DNA sequence encoding a signal peptide functional as a secretory sequence in a first filamentous fungus, said second DNA sequence encoding a mature form of a secreted polypeptide normally secreted from said first or a second filamentous fungus or portion thereof comprising greater than 50% of the amino terminal sequence of said secreted polypeptide, said third DNA sequence encoding a cleavable linker polypeptide and said fourth DNA sequence encoding a desired polypeptide, wherein said first and said second filamentous fungi are selected from the group consisting of Aspergillus, Trichoderma and Neurospora and the expression of said fusion DNA sequence in said first or said second filamentous fungus results in increased secretion of said desired polypeptide as compared to the secretion of said desired polypeptide from said first or said second filamentous fungus when expressed as a second fusion polypeptide encoded by a second fusion DNA sequence comprising only said first, third and fourth DNA sequences.